Maine Department of Environmental Protection

Underground Storage Tank

Annual Inspection Summary Report

Exercise 1

Facility Name: Dave's Gas **Owner:** Dave Rector **Reg.#:** 21003

Location: East Podunk **Operator:** Dave Rector **Phone:** 555-1312

__X__Initial Inspection ____Inspection Update	TANK # 4A			TANK # 4B			TANK # 5			TANK # 6		
Volume	6000			3000			1000			550		
Product	Nolead			Premium			K-1			Waste oil		
	PASS	FAIL	N/A	PASS	FAIL	N/A	PASS	FAIL	N/A	PASS	FAIL	N/A
Daily Inventory		X			X				X			X
Automatic Tank Gauge			X			X			X			X
Groundwater Monitoring			X			X			X		X	
Interstitial Monitoring			X			X		X				X
Overfill Prevention	X			X				X			X	
Spill Buckets	X			X				X			X	
Line Leak Detectors	X			X					X			X
Stage I vapor recovery		X			X				X			X
Crash Valves		X			X				X			X
Cathodic Protection			X			X			X			X
Any FAIL in the columns above means a FAIL for that tank.	PASS	FAIL		PASS	FAIL		PASS	FAIL		PASS	FAIL	
		X			X			X			X	

By signing this form, I certify that I performed this inspection and believe the contents of this report to be complete and accurate at the time of inspection. I also certify that I am a properly certified Maine underground oil storage tank installer or tank inspector.

Name (please print) Date Signature

Please return this certificate no later than July 1 of the year inspection is due to:	**Annual UST Inspections** **Maine Dept. of Environmental Protection,** **17 State House Station, Augusta, Maine 04333**
!!! KEEP A COPY OF THIS FORM FOR YOUR RECORDS !!!	

Exercise 1

General Instructions

1. Leak detection equipment and procedures, spill and overfill prevention devices must be checked or tested annually for proper operation. Cathodically protected tanks and piping must be checked annually to insure they are adequately protected from corrosion.

2. All work associated with testing of equipment and checking of procedures must be performed under the direct, onsite supervision of 1.) a Maine certified underground storage tank installer, 2.) a Maine certified tank inspector or 3.) a technician certified by the manufacturer of the equipment being tested.

3. Mail completed inspection forms to Annual Tank Inspections, Maine Department of Environmental Protection, 17 State House Station, Augusta, ME 04333 by July 1 each year. Remember to keep a copy for your records**.**

4. Detailed instructions on how to fill out this form are provided in MeDEP's "UST Inspector Reference Handbook" which is available at www.me.us/dep/rwm/homepage.htm.. Copies of the Annual Inspection Report form, the Inspector Reference Handbook and a list of Frequently Asked Questions (FAQ's) are also available by calling 1-207-287-2651.

Daily Inventory

Fill out this section for tanks that use monthly reconciliation of Daily Inventory combined with annual SIA.

?		TANK # 4A		TANK # 4B		TANK #		TANK #	
		PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL
1	Inventory records reconciled monthly?		X		X				
2	Over/short less than 1%?		X		X				
3	Fill pipe drop tube in place?	X		X					
	Manual Inventory								
4	Gauge stick in good condition?	X		X					
	ATG inventory								
5	Water sensor checked by hand?								
6	Product sensor checked by hand?								
	PASS or FAIL?		**X**		**X**				

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Comments:_____

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Automatic Tank Gauging (Singlewalled tanks only)

7	Make and Model:

Fill out this section for tanks that use monthly testing using an ATG for leak detection.

?		TANK #		TANK #		TANK #		TANK #	
		PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL
8	ATG programmed to test for 0.1gph leak?								
9	Monitoring console or control box present and working ? (indicator lights, horn and printer work, paper roll installed)								
10	One test run within last 30 days with tank at least 60% full?								
11	Water sensor checked by hand?								
12	Product level sensor checked by hand?								
	PASS or FAIL?								

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Groundwater Monitoring

Fill out this section for singlewalled heating oil tanks installed before Sept. 16, 1991.

?		TANK #		TANK #		TANK #		TANK # 6	
		PASS	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**
13	Monitoring wells accessible?							X	
14	Monitoring wells marked and secured?								X
15	Bailer present, functional and clean?								X
16	Water in well?							X	
17	No floating oil or smell of oil?							X	
18	Log of weekly well inspections?								X
	Pass or Fail?								**X**

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Comments:_____

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Interstitial Monitoring (Tanks and Piping)

19	Make and Model – Veeder-Root 350

Fill out this section for doublewalled tanks or piping that are electronically monitored.

?		TANK #						TANK #						TANK # 5						TANK #					
		TANK		PIPE		DISP		TANK		PIPE		DISP		TANK		PIPE		DISP		TANK		PIPE		DISP	
20	Interstitial monitoring system is Electronic (E), Manual (M) or None(X)													E		X		X							
		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F
	Manual monitoring																								
21	Sump is accessible for inspection ?																								
22	Written log of sump checks available?																								
	Electronic monitoring																								
23	Monitoring console is fully operational?													X											
24	Sensors are properly placed?													X											
25	Sensors are functioning properly?														X										
	All Systems																								
26	No oil in sumps or interstitial space?													X											
27	No water in sumps or interstitial space?													X											
	PASS or FAIL?														X										

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Comments:_____

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Overfill Prevention

		TANK # 4A		TANK# 4B		TANK # 5		TANK # 6	
28	**Ball float(BF),Flapper(F), Electronic (E) or Vent Whistle (W)?**	**F**		**F**		**BF**		**NONE**	
		PASS	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**
	Ball float								
29	Checked and working properly?						X		
30	Set at 90% full level?						X		
	Auto shut off/flapper								
31	Checked and working properly?	X		X					
32	Set at 95% full level?	X		X					
	Electronic high level alarm								
33	Checked and working properly?								
34	Set at 90% full level?								
	Vent whistle								
35	Checked and working properly?								
36	Set at 90%?								
37	Vent within 8 ft of fill?								
	PASS or FAIL?	**X**		**X**			**X**		**X**

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Spill Buckets

		TANK # 4A		TANK # 4B		TANK # 5		TANK # 6	
		PASS	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**
38	Spill buckets present?	X		X		X			X
39	Clean?	X		X		X		x	
40	Liquid tight?	X		X		X		X	
41	Lid in good condition?	X		X		X		X	
42	Lid not touching fill riser?	X		X			X	X	
	PASS or FAIL?	**X**		**X**			**X**		**X**

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Comments: No spill bucket on remote fill for waste oil tank, No access to ball float._____

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Exercise 1

Automatic Line Leak Detectors (LLD)

Line leak detectors are required on product lines supplied by a pump remote from the dispenser.

43	**Make and Model:**

		TANK # 4A		TANK # 4B		TANK #		TANK#	
44	**Mechanical (M) or Electronic (E) LLD?**	**M**		**M**					
		PASS	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**
45	LLD present?	**X**		**X**					
46	LLD listed for use with type of piping present (rigid or flexible)?	**X**		**X**					
	Mechanical LLD's only								
47	Slow flow when 3gph leak @10PSI is simulated ?	**X**		**X**					
	Electronic LLD's only								
48	LLD set up checked to insure proper settings?								
49	System alarms and/or shuts off turbine when a 3gph @10PSI is simulated?								
	For tanks with ATG's only								
50	Passing 0.1 gph test in past 30 days?								
	PASS or FAIL?	**X**		**X**					

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected

Comments:

Stage I Vapor Recovery (Gasoline tanks only)

		TANK # 4A		TANK # 4B		TANK #		TANK #	
51	**Gas thruput for last calendar year 120,000_____ gals. 2001___ Yr**								
52	**Stage I Vapor Recovery system is 2 Point/ Manifold (M) or Coaxial (C)**	**M**		**M**					
		PASS	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**	**PASS**	**FAIL**
	Two Point / Manifold System								
53	Vapor recovery poppet cap and gasket in good condition?	X		X					
54	Poppet valve moves easily and closes tight?	X		X					
55	Manhole lid in good condition?	X		X					
	Coaxial								
56	Fill pipe in good condition?								
	All systems								
57	Fill cap and gasket in good condition?	X		X					
58	Drop tube?	X		X					
59	Ends within 6 inches of tank bottom?	X		X					
60	Pressure/vacuum vent cap in place?		X		X				
61	Last 12 months of throughput records?		X		X				
	PASS or FAIL?		**X**		**X**				

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Crash Valves

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		DISPENSER #															
		1-2		3-4													
		P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F
62	Crash valves at correct height?	X		X													
63	Crash valves secured?	X			X												
64	Crash valves operational?	X		X													
	PASS or FAIL?	**X**			**X**												

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected.

Comments:_nolead and premium crash valves not properly secured under dispensers 3-4

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Cathodic Protection (Galvanic Systems)

		TANK #		TANK #		TANK #		TANK #	
	Enter readings in Volts	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL
65	Tank Reading (over tank center line)								
66	Product pipe reading?								
67	Vent Pipe Reading?								
	PASS or FAIL?								

Note: Please explain failing results in Comments below. List any problems noted during inspection, even those that were corrected

Out of Service Tanks

Fill out this section for any tank that is no longer active (no product added or removed)

		TANK #		TANK #		TANK #		TANK #	
68	Date taken out of service (Month/Day/Year)								
		YES	**NO**	**YES**	**NO**	**YES**	**NO**	**YES**	**NO**
69	**Less then 1" product?**								
	For tanks out of service more then 3 months, check the following:								
70	Tank vented and fill pipe locked?								
71	Product piping capped? Pumps and manways secure?								

Comments:_____

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